

pAS2 Insert	Colony Color		
	pGAD GH Insert		
	PIN1	PIN2	PIN3
NIMA	Blue	Blue	Blue
K40M NIMA	Blue	Blue	Blue
NIMA280-699	Blue	Blue	White
NLK1	White	White	Blue
NIMA280-699FS	White	White	White

FIG. 1A

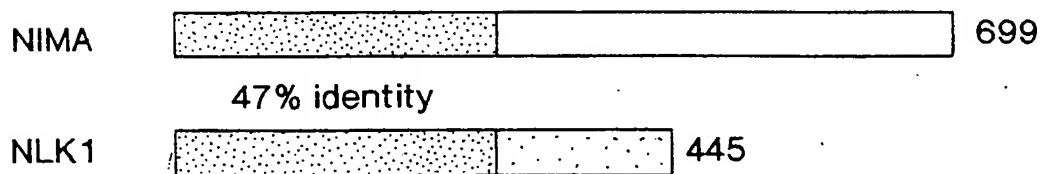


FIG. 1B

TGCTGGCCAGCACCTCGAGGGAAG

1 ATGGCGGACGAGGAGAAGCTGCCGCCCCGGCTGGGAGAAGCGCATGAGCCGCAGCTCAGGC 20
M A D E E K L P P G W E K R M S R S S G
61 CGAGTGTA TACTTCAACCACATCACTAACGCCAGCCAGTGGGAGCGGCCAGCGGCAAC 40
R V Y Y F N H I T N A S Q W E R P S G N
121 AGCAGCAGTGGTGGCAAAAACGGGCAGGGGAGCCTGCCAGGGTCCGCTGCTCGCACCTG 60
S S S G G K N G Q G E P A R V R C S H L
181 CTGGTGAAGCACAGCCAGTCACGGCGGCCCTCGTCCTGGCGGCAGGAGAAGATCACCCGG 80
L V K H S Q S R R P S S W R Q E K I T R
241 ACCAAGGAGGAGGCCCTGGAGCTGATCAACGGCTACATCAGAGAAGATCAAGTCGGGAGAG 100
T K E E A L E L I N G Y I Q K I K S G E
301 GAGGACTTTGAGTCTCTGGCCTCACAGTTCAGCGACTGCAGCTCAGCCAAGGCCAGGGGA 120
E D F E S L A S Q F S D C S S A K A R G
361 GACCTGGGTGCCTTCAGCAGAGGTCAGATGCAGAAGCCATTGGAAGACGCCTCGTTTGCG 140
D L G A F S R G Q M Q K P F E D A S F A
421 CTGCGGACGGGGGAGATGAGCGGGCCCGTGTTACGGATTCCGGCATCCACATCATCCTC 160
L R T G E M S G P V F T D S G I H I I L
481 CGCACTGAGTGAGGGTGGGGAGCCCAGGCCTGGCCTCGGGGCAGGGCAGGGCGGCTAGGC
R T E *
541 CGGCCAGCTCCCCCTTGCCCGCCAGCCAGTGGCCGAACCCCCCTCCCTGCCACCGTCA
601 CACAGTATTTATTGTTCCCAATGGCTGGGAGGGGGCCCTTCCAGATTGGGGGCCCTGG
661 GGTCCCCACTCCCTGTCCATCCCCAGTTGGGGCTGCGACCGCCAGATTCTCCCTTAAGGA
721 ATTGACTTCAGCAGGGGTGGGAGGCTCCCAGACCCAGGGCAGTGTGGTGGGAGGGGTGTT
781 CCAAAGAGAAGGCCTGGTCAGCAGAGCCGCCCCGTGTCCCCCAGGTGCTGGAGGCAGAC
841 TCGAGGGCCGAATTGTTTCTAGTTAGGCCACGCTCCTCTGTTTCAGTCGAAAGGTGAACA
901 CTCATGCGGCAGCCATGGGCCCTCTGAGCAACTGTGCAGACCCTTTCACCCCCAATTAAA
961 CCCAGAACCACTAAAAAAAAAAAAAAAAAAAA

FIG. 2A

[illegible]

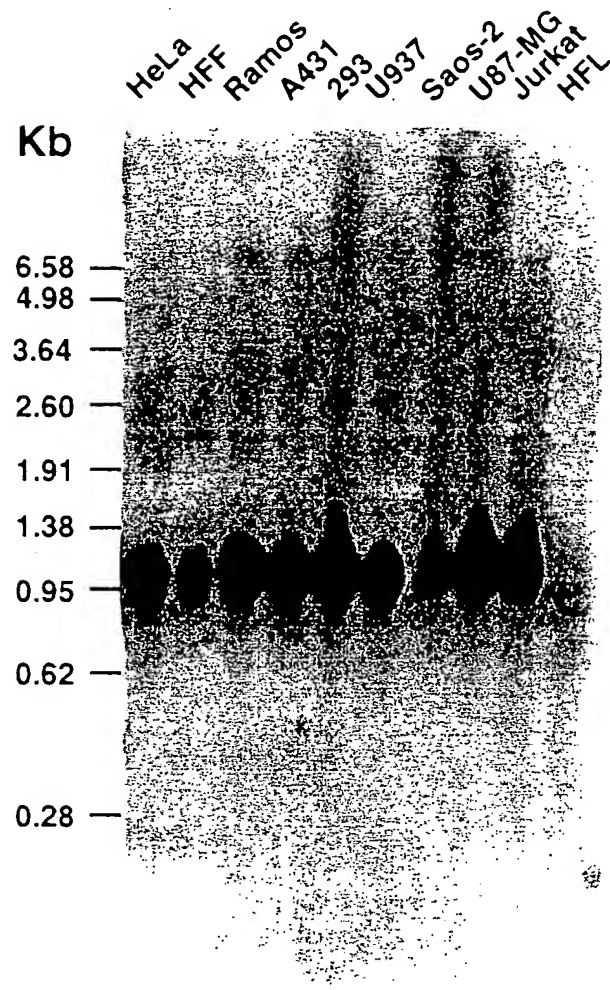
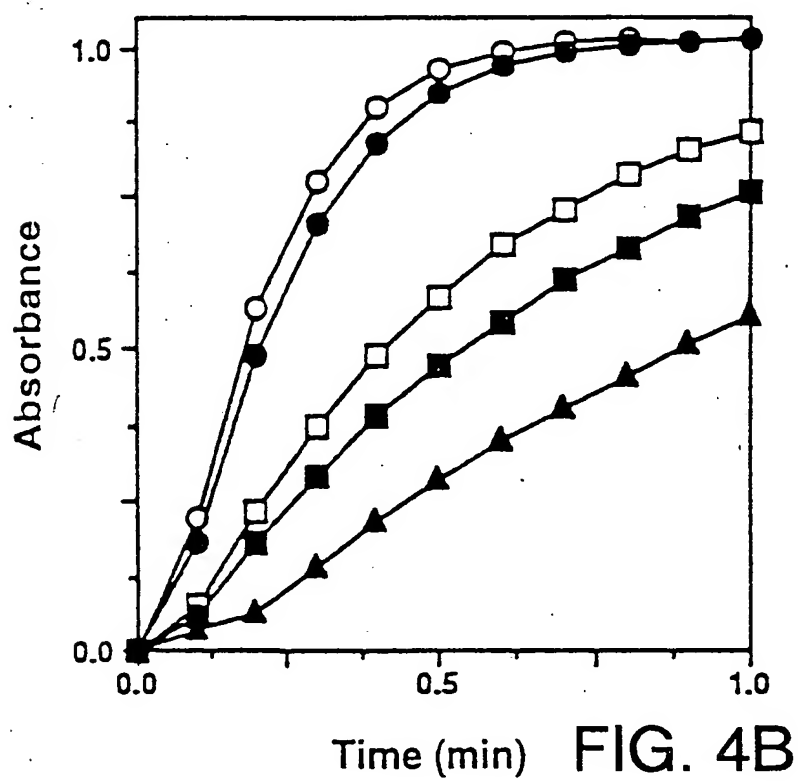
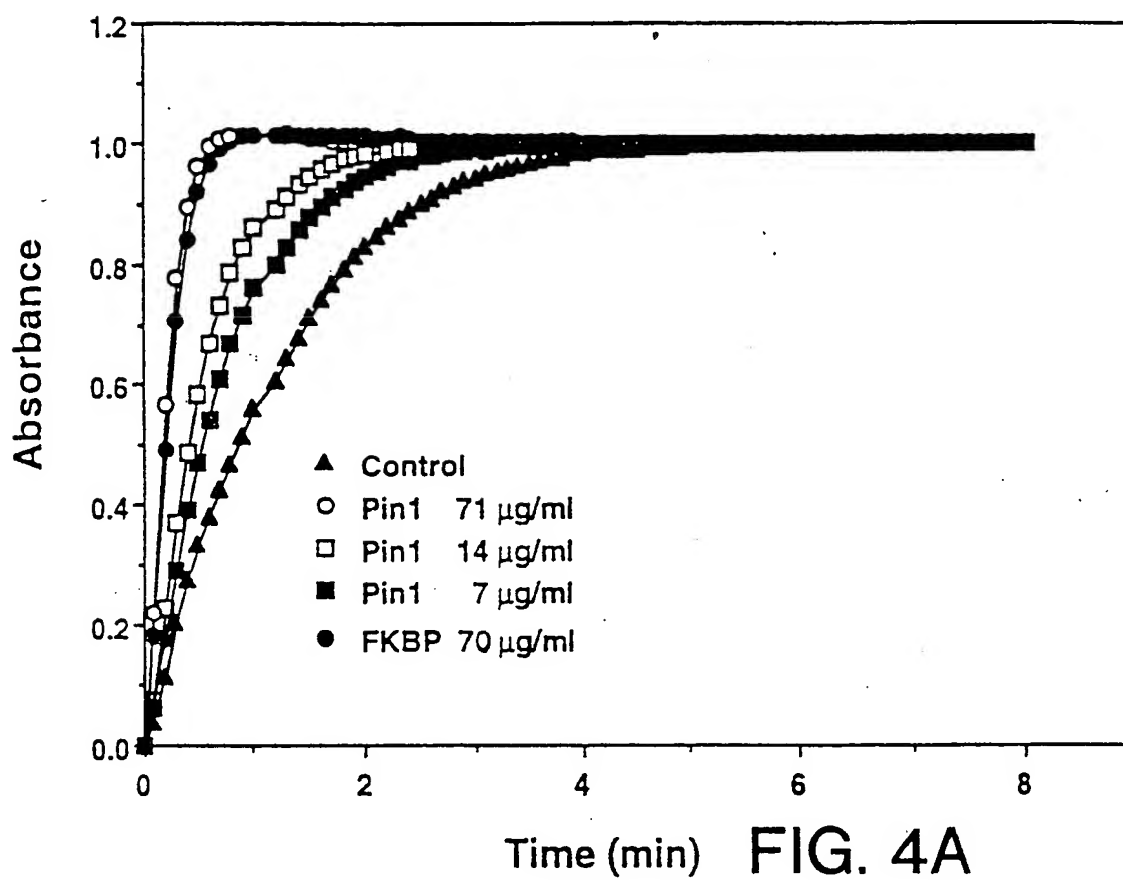


FIG. 3

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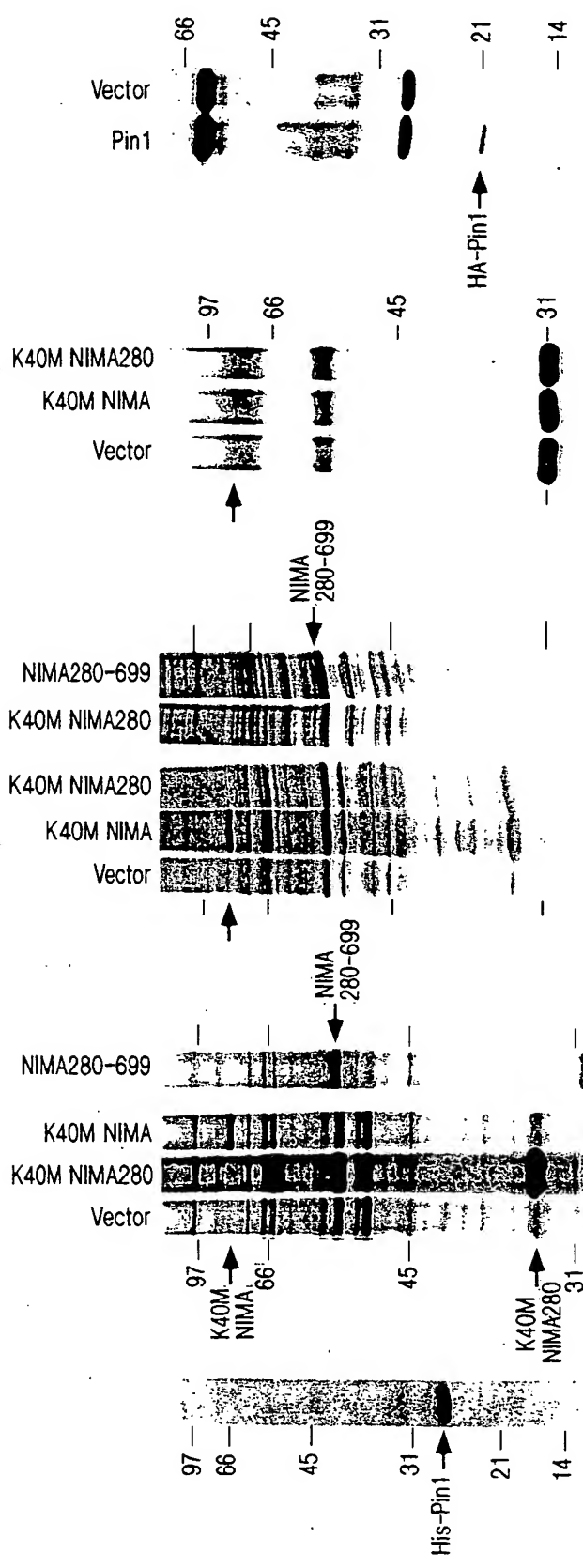


FIG. 5A FIG. 5B FIG. 5C FIG. 5D FIG. 5E

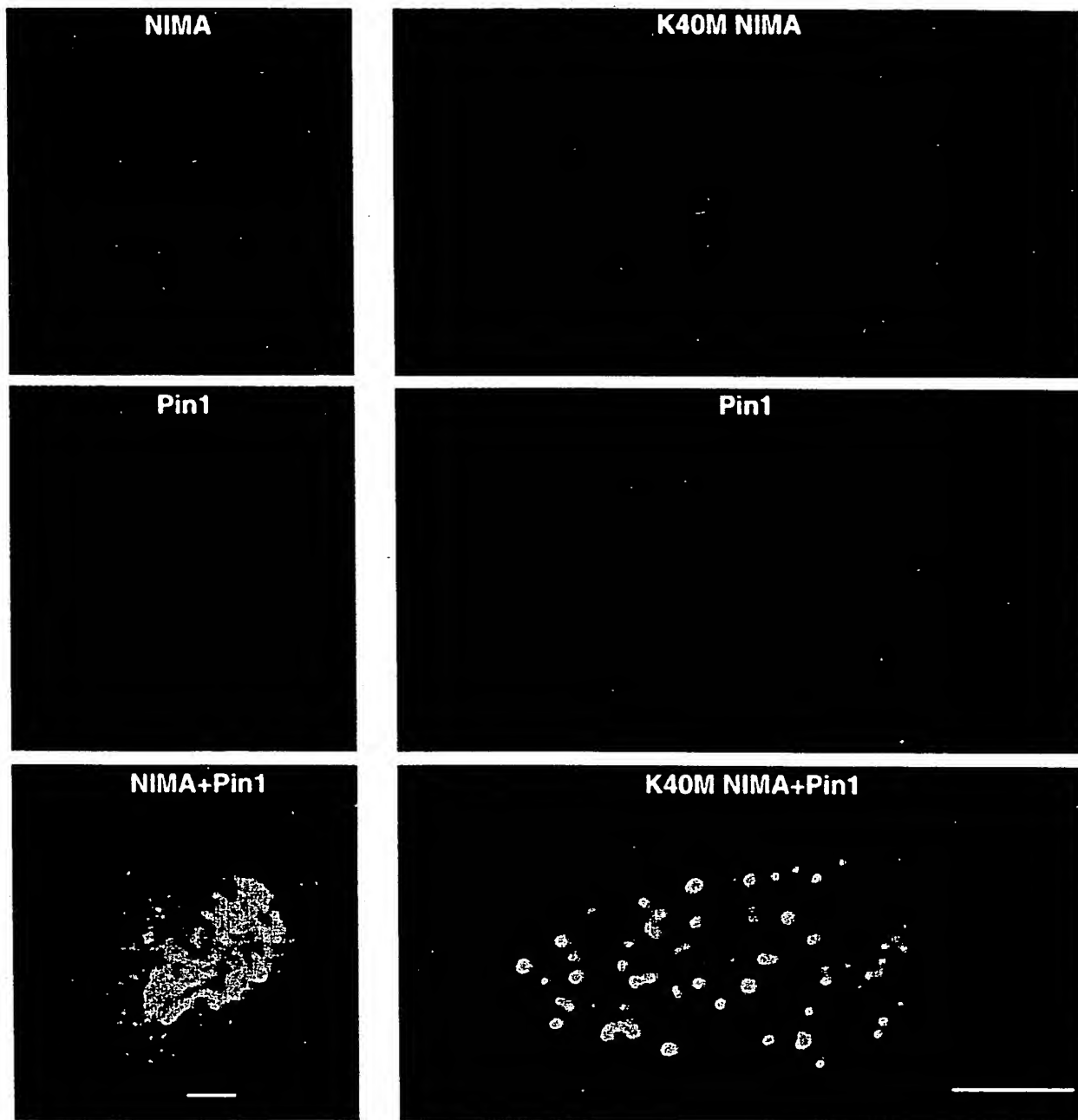


FIG. 6

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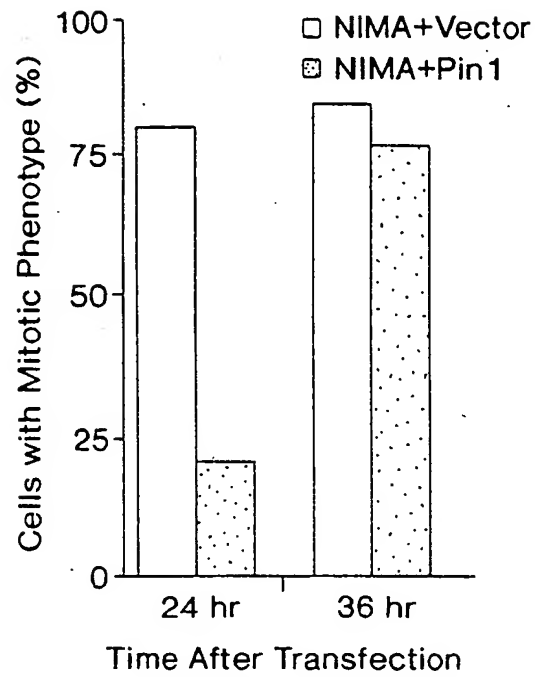


FIG. 7A

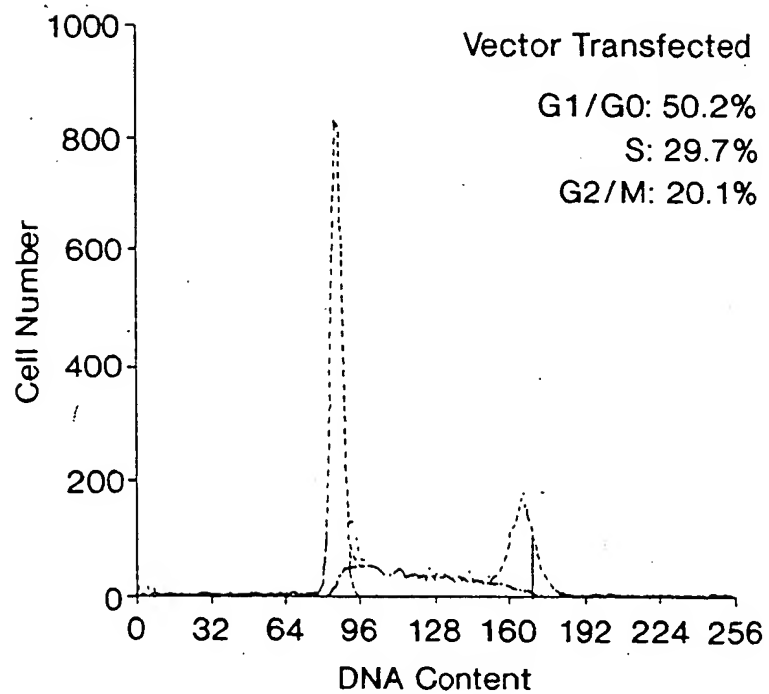


FIG. 7B

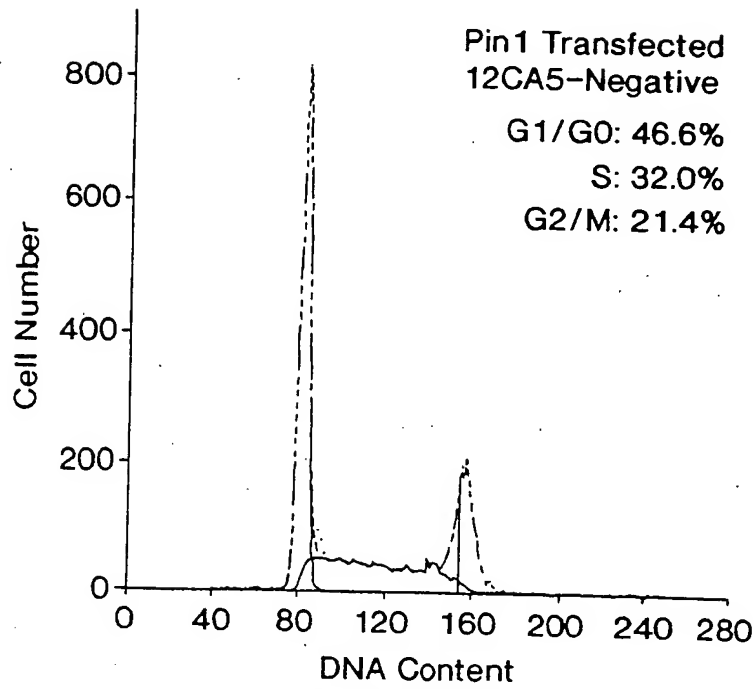


FIG. 7C

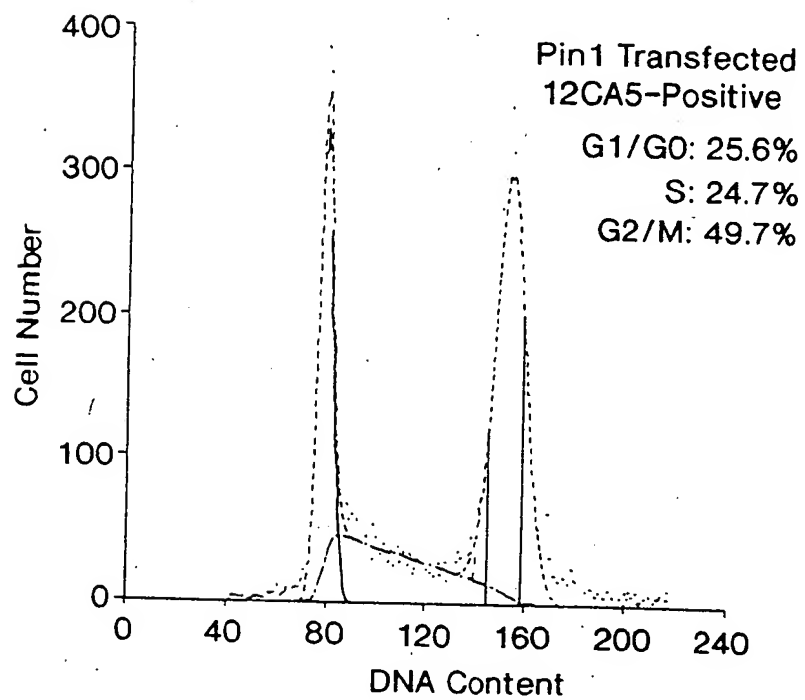


FIG. 7D

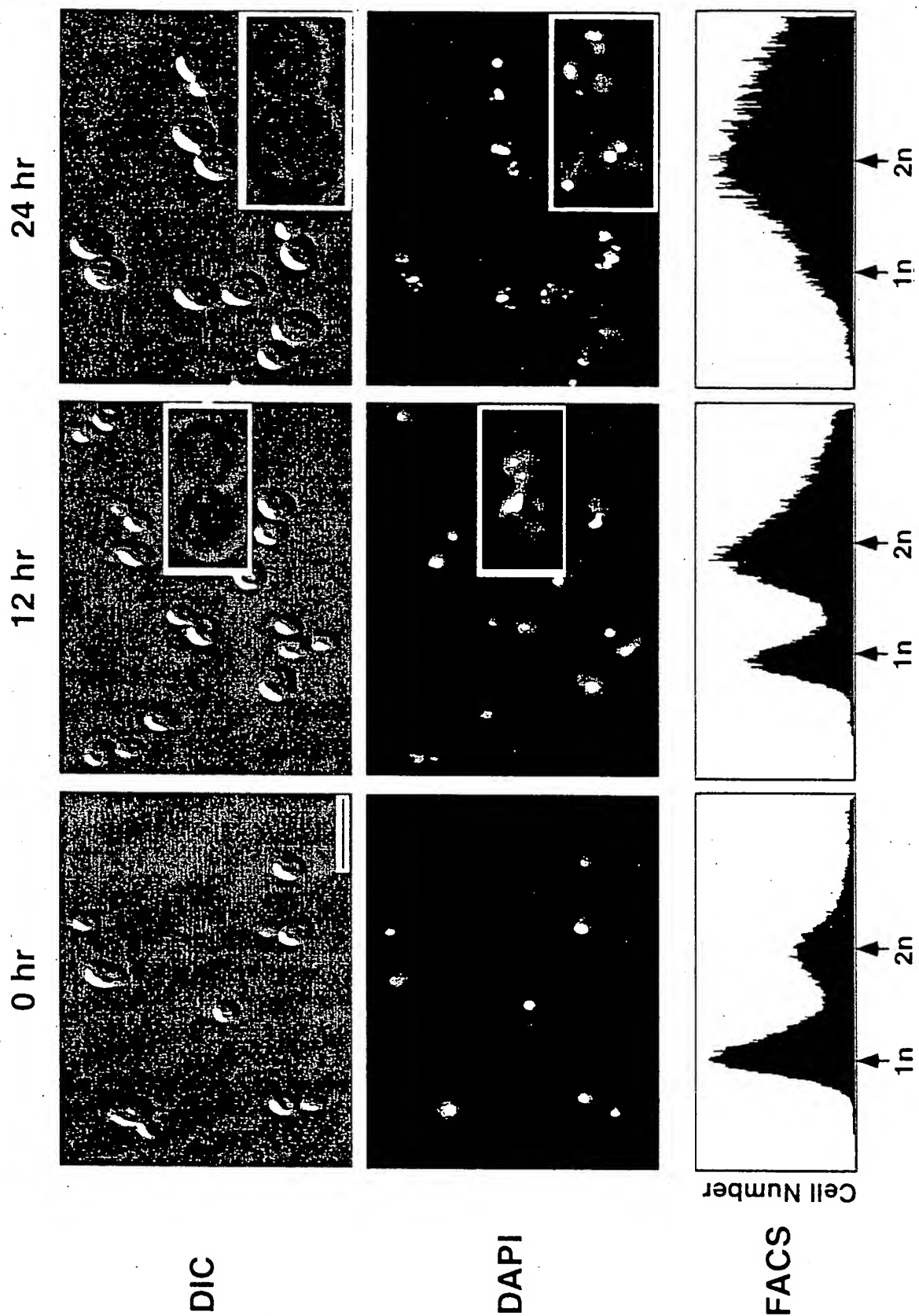


FIG. 8

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